

IN THE ABSTRACT

Please amend the Abstract on page 14 as follows:

ABSTRACT

Knowledge of the parameters regarding the lift and angle of attack is necessary for aircraft safety. The use of a weather vane makes it possible to measure the orientation of the wind, from which these two parameters are calculated. The weather vane is an element external to the aircraft, and is made up of a vane, which is an element sensitive to the wind. The reliability of this weather vane depends directly on its geometry. A device to make it possible to heat the vane of the weather vane is disclosed. A heater is inserted via a base of the vane which is not exposed to the external conditions. In addition, the heater is slaved to the external climatic conditions, and tailored to the temperature gradient observed on the vane.

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

The present Preliminary Amendment is submitted to place the above-identified application in more proper format under United States practice. By the present Preliminary Amendment original claims 1-10 are canceled and new claims 11-20 are presented for examination. New claims 11-20 are deemed to be self-evident from the original disclosure, including original claims 1-10, and thus are not deemed to raise any issues of new matter. Any differences between new claims 11-20 and original claims 1-10 are deemed to at most broaden the scope of new claims 11-20. The Abstract has also been amended by the present response to delete the reference numerals and make minor amendments.

The present application is believed to be in condition for a full and thorough examination on the merits. An early and favorable consideration of the present application is hereby respectfully requested.

Respectfully submitted,

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Amendment Filed on:

IN THE CLAIMS

Claims 1-10 (Cancelled).

Claims 11-20 (New).

IN THE ABSTRACT

Please amend the Abstract on page 14 as follows:

--ABSTRACT

[Weather vane for measuring the orientation of the wind,

with built-in heater]

Knowledge of the parameters regarding the lift and angle of attack is necessary for aircraft safety. The use of a weather vane [(1, 2)] makes it possible to measure the orientation of the wind [(6)], from which these two parameters are calculated. The weather vane is an element external to the aircraft, and is made up of a vane [(2)], which is an element sensitive to the wind. The reliability of this weather vane depends directly on its geometry. A device to make it possible to heat the vane of the weather vane is disclosed [proposed]. A heater [(4)] is inserted via a base [(1)] of the vane which is not exposed to the external conditions. In addition, the heater is slaved to the external climatic conditions, and tailored to the temperature gradient observed on the vane.

[Figure 1]--